

In the Claims:

Please amend claim 2. Please cancel claims 1 and 3-20. The claims are as follows:

1. (Canceled).
2. (Currently amended) ~~The resistor structure of claim 1, A resistor structure, comprising:~~
~~an electrically conductive region;~~
~~an electrically conductive liner region in direct physical contact with the electrically~~
~~conductive region; and~~
~~first and second contact regions electrically coupled to the electrically conductive region~~
~~and the electrically conductive liner region,~~
~~wherein the first contact region is in direct physical contact with the electrically~~
~~conductive liner region,~~
~~wherein in response to a current flowing in the electrically conductive region and~~
~~from the first contact region to the second contact region, a void region in the electrically~~
~~conductive region expands due to electromigration so as to increase the resistance of the resistor~~
~~structure between the first and second contact regions,~~
~~wherein the electrically conductive region is surrounded by the electrically~~
~~conductive liner region, and~~
~~wherein both the electrically conductive region and the electrically conductive~~
~~liner region are in direct physical contact with the second contact region.~~
- 3-20. (Canceled).

21. (Previously presented) The resistor structure of claim 2, wherein the first contact region is not in direct physical contact with the electrically conductive region.